

## ABSTRACT

An electronic device, such as personal computer, incorporating a liquid crystal panel which uses LEDs as an illuminating light source for a liquid crystal panel to reduce power consumption and size of the electronic device. When 3-color LED lamps 13R, 13G, 13B of the LED light source 12 are lit, red, green and blue rays emitted from respective LED lamps enter the scatterplate 11 where they are scattered and mixed to produce white light LW which goes out from the entire surface of the scatterplate 11 to illuminate the entire rear surface of the transmission type liquid crystal panel 10. The white light LW that has entered the liquid crystal panel 10 is modulated according to the alignment of the liquid crystal material and passes through the color filters of the counter substrate. The user can view the transmitted light LT from the liquid crystal panel 10 as a color image.